DECLARATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and only inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA COMMUNICATION SYSTEM

the specification of which

[X]	is attached hereto.		
	was filed on	as	
[]	was filed on Application Serial No.		
	and was amended on	(if applicable)	
I hereby star specification	te that I have reviewed and including the claim(s),	and understand the contents of as amended by any amendme	the above-identified nt referred to above.
		nformation which is material to Fitle 37, Code of Federal Regul	
foreign applidentified be	ication(s) for patent or i llow any foreign applica	its under Title 35, United States nventor's certificate listed below tion for patent or inventor's cert n which priority is claimed:	and have also
Prior Foreig	n Application(s)		Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	[] Yes [] No
	im the benefit under 35 s) listed below.	U.S.C. § 119(e) of any United S	States provisional
(Application	Serial No.)	(Filing Date)	
I hereby cla	im the benefit under Tit	le 35, United States Code, § 12	0, of any United

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of

Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Ser. No.) (Filing Date) (Status) (patented, pending, abandoned) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: July 18, 2001

Residence Citizenship Post Office Address aryi Hasny

Vancouver, Washington

Canada

11301 NE 7th Street Vancouver, WA 98684

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION PATENT EXAMINING OPERATIONS

Applicant:

Daryl Hlasny

Group Art Unit:

Serial No.:

Examiner:

Filed:

herewith

Title:

OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA

COMMUNICATION SYSTEM

POWER OF ATTORNEY

I, Jon K. Clemens, declare that I am the President and Chief Executive Officer of Sharp Laboratories of America, Inc., a Washington corporation, and am authorized to execute this document on its behalf. Sharp Laboratories of America, Inc., is the assignee of the entire right, title and interest in the above-referenced patent application and hereby appoints Jacob E. Vilhauer, Jr., Reg. No. 24,885, Charles D. McClung, Reg. No. 26,568, Dennis E. Stenzel, Reg. No. 28,763, Donald B. Haslett, Reg. No. 28,855, William O. Geny, Reg. No. 27,444, J. Peter Staples, Reg. No. 30,690, Nancy J. Moriarty, Reg. No. 40,733, Bruce W. DeKock, Reg. No. 40,585, Kevin L. Russell, Reg. No. 38,292, and Timothy A. Long, Reg. No. 28,876, all of the firm of CHERNOFF, VILHAUER, McCLUNG & STENZEL, 1600 ODS Tower, 601 S.W. Second Avenue, Portland, Oregon 97204-3157, telephone No. (503) 227-5631, its attorneys, jointly and individually, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SHARP LABORATORIES OF AMERICA, INC.

Dated: 6/11/01

Jon K. Clemens

President and Chief Executive Officer

Portland, Oregon 97204-3157

Tel.: (503) 227-5631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE UNDER 37 CFR §3.73(b)

Applicant	: Hlasny, Daryl		
Application I	No. : Filed:Concurrently herewith : OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA COMMUNICATION SYSTEM		
(Assignee)	: Sharp Laboratories of America, Inc., a Washington corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)		
certifies th	at it is the assignee of the entire right, title and interest in pplication identified above by virtue of either:		
A. [X] OR	An assignment from the inventor(s) of the patent application identified above.		
B. []	A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:		
1.	From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy is attached.		
2.	From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy is attached.		
[]	Additional documents in the chain of title are listed on a supplemental sheet.		
[X]	Copies of assignments or other documents in the chain of title are attached. (Where one or more of the documents is unrecorded.)		
the patent a	ndersigned has reviewed all the documents in the chain of title of application identified above and, to the best of undersigned's nd belief, title is in the assignee identified above.		
The u this Certif	ndersigned (whose title is supplied below) is empowered to sign icate on behalf of the assignee.		
true, and t true; and f willful fal imprisonmen and that su	reby declare that all statements made herein of my own knowledge are hat all statements made on information and belief are believed to be urther, that these statements are made with the knowledge that se statements, and the like so made, are punishable by fine or t, or both, under Section 1001, Title 18 of the United States Code, ch willful false statements may jeopardize the validity of the or any patent issuing thereon.		
Date : Name : Title : Signature:	July 20, 2001 Timothy A. Long Attorney for the Assignee (copy of Power of Attorney is attached)		
1600 ODS To	vilhauer, McClung & Stenzel, LLP ower econd Avenue		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION

PATENT EXAMINING OPERATIONS

Applicant:

Daryl Hlasny

Group Art Unit:

Serial No.:

Examiner:

Filed:

herewith

Title:

OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA

COMMUNICATION SYSTEM

POWER OF ATTORNEY

I, Jon K. Clemens, declare that I am the President and Chief Executive Officer of Sharp Laboratories of America, Inc., a Washington corporation, and am authorized to execute this document on its behalf. Sharp Laboratories of America, Inc., is the assignee of the entire right, title and interest in the above-referenced patent application and hereby appoints Jacob E. Vilhauer, Jr., Reg. No. 24,885, Charles D. McClung, Reg. No. 26,568, Dennis E. Stenzel, Reg. No. 28,763, Donald B. Haslett, Reg. No. 28,855, William O. Geny, Reg. No. 27,444, J. Peter Staples, Reg. No. 30,690, Nancy J. Moriarty, Reg. No. 40,733, Bruce W. DeKock, Reg. No. 40,585, Kevin L. Russell, Reg. No. 38,292, and Timothy A. Long, Reg. No. 28,876, all of the firm of CHERNOFF, VILHAUER, McCLUNG & STENZEL, 1600 ODS Tower, 601 S.W. Second Avenue, Portland, Oregon 97204-3157, telephone No. (503) 227-5631, its attorneys, jointly and individually, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SHARP LABORATORIES OF AMERICA, INC.

Dated: 6/11/01

Jon K. Clemens

President and Chief Executive Officer